

Appl. No. 10/506,487
Amtd. Dated July 17, 2007
Reply to Office Action of April 17, 2007

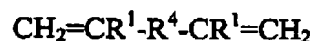
Pending Claims:

This listing will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

Claim 1 (Previously presented): A metal- or resin-laminated gasket, which comprises a cured product layer of a composition comprising:

(A) an acrylic polymer having at least one alkenyl group capable of undergoing hydrosilylation reaction obtained by copolymerization of an acrylic acid ester monomer and a compound as a second monomer represented by the general formula:



wherein R^1 is a hydrogen atom or a methyl group and R^4 is an alkylene group of $\text{C}_2\text{-C}_6$;

(B) a hydrosilyl group-containing compound; and

(C) a hydrosilylation catalyst as essential components, and a metal plate or resin plate, the cured product layer being provided on at least one surface of the metal plate or the resin plate.

Claim 2 (Previously presented): A metal- or resin-laminated gasket according to claim 1, wherein the component (A) of the composition is a liquid acrylic polymer having a number

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average molecular weight M_n of 500 or more and a molecular weight distribution (M_w/M_n) of 1.8 or less.

Claim 3 (Previously presented): A metal- or resin-laminated gasket according to claim 1, wherein the cured product layer has a film thickness of 1-500 μm .

Claim 4 (Previously presented): A metal- or resin-laminated according to claim 1, wherein the cured product layer has a surface hardness (Duro hardness A) of 45 or less.

Claim 5 (Previously presented): A metal- or resin-laminated gasket according to claim 1, wherein the composition is directly applied to an adhesive-coated metal plate or resin plate and cured.

Claim 6 (Previously presented): A metal- or resin-laminated gasket according to claim 1, which comprises at least one of an automobile engine cylinder head gasket, an engine oil pan gasket and an engine intake-exhaust manifold gasket.

Claim 7 (Previously presented): A metal- or resin-laminated gasket according to claim 1, wherein the cured product is provided on a resin plate that has a softening point of 100°C or more.

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Claim 8 (Previously presented): A metal- or resin-laminated gasket according to claim 2, which comprises at least one of an automobile engine cylinder head gasket, an engine oil pan gasket and an engine intake-exhaust manifold gasket.

Claim 9 (Previously presented): A metal- or resin-laminated gasket according to claim 3, which comprises at least one of an automobile engine cylinder head gasket, an engine oil pan gasket and an engine intake-exhaust manifold gasket.

Claim 10 (Previously presented): A metal- or resin-laminated gasket according to claim 4, which comprises at least one of an automobile engine cylinder head gasket, an engine oil pan gasket and an engine intake-exhaust manifold gasket.

Claim 11 (Previously presented): A metal- or resin-laminated gasket according to claim 2, wherein the cured product is provided on a resin plate that has a softening point of 100°C or more.

Claim 12 (Previously presented): A metal- or resin-laminated gasket according to claim 3, wherein the cured product is provided on a resin plate that has a softening point of 100°C or more.

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Claim 13 (Previously presented): A metal- or resin-laminated gasket according to claim 4, wherein the cured product is provided on a resin plate that has a softening point of 100°C or more.

Claim 14 (Previously presented): A metal- or resin-laminated gasket according to claim 1, wherein the second monomer is one of 1,5-hexadiene, 1,7-octadiene and 1,9-decadiene.

Claim 15 (Previously presented): A metal- or resin-laminated gasket according to claim 1, wherein the second monomer reacts at a final stage of the polymerization reaction or after completion of the reaction of the acrylic acid ester monomer in the synthesis of acrylic polymers by living radical polymerization.